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PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032  
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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	<b>Attorney Docket No.</b>	66638/41212
	<b>First Inventor</b>	Nelson
	<b>Title</b>	Backscatter Imaging Using Hadamard Transform Masking
	<b>Express Mail Label No.</b>	EV328620461US

031088 U.S. PTO  
10/725836



<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application P.O. Box 1450 Alexandria, VA 22313-1450
1. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 2. <input checked="" type="checkbox"/> Specification [Total Pages No. 18] <i>(preferred arrangement set forth below)</i> <input checked="" type="checkbox"/> Descriptive title of the invention <input type="checkbox"/> Cross Reference to Related Applications <input type="checkbox"/> Statement Regarding Fed sponsored R & D <input type="checkbox"/> Reference to sequence listing, a table, or a computer program listing appendix <input checked="" type="checkbox"/> Background of the Invention <input checked="" type="checkbox"/> Brief Summary of the Invention <input checked="" type="checkbox"/> Brief Description of the Drawings <i>(if filed)</i> <input checked="" type="checkbox"/> Detailed Description <input checked="" type="checkbox"/> Claim(s) <input checked="" type="checkbox"/> Abstract of the Disclosure 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets No. 2] 4. Oath or Declaration [Total Pages No. 2] a. <input checked="" type="checkbox"/> Executed by inventor Shepherd only (original or copy) b. <input type="checkbox"/> Unexecuted b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	5. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i> 6. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identify of above copies <b>ACCOMPANYING APPLICATION PARTS</b> 7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 8. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> 9. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 11. <input type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 13. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 14. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 15. <input checked="" type="checkbox"/> Certificate of Express Mailing 16. <input type="checkbox"/> Other: _____

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label	 21888 PATENT TRADEMARK OFFICE	or <input checked="" type="checkbox"/> Correspondence address below
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<b>Name</b>	John M. Howell	<b>Registration No. (Attorney/Agent)</b>	25,261
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PATENT APPLICATION FEE DETERMINATION RECORD				Application or Docket Number 66638/41212					
CLAIMS AS FILED -- PART I				SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE	FEE		RATE	FEE	
BASIC FEE (37 CFR 1.16(a))					\$ 0	OR		\$770.00	
TOTAL CLAIMS (37 CFR 1.16(c))	18	minus 20 = *		x \$	=	OR	x \$ 18.00	0.00	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	12	minus 3 = *	9	x \$	= 0.00	OR	x \$ 86.00	774.00	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))				+ \$	= 0.00	OR	+ \$ 290.00=	0.00	
				TOTAL		OR	TOTAL	1544.00	

\* If the difference in column 1 is less than zero, enter "0" in column 2

- ☒ A check in the amount of \$1,544.00 is attached.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 20-0823 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_ for the patent filing fee.
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John M. Howell  
Signature

Dated: 12/1/03

John M. Howell, Reg. No. 25,261  
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**EXPRESS MAIL CERTIFICATE OF MAILING (37 CFR 1.10)****Express Mail No. EV328620461US**

Docket No.

66638/41212

In Re Application Of:

Nelson et al.

Serial No.  
to be assignedFiling Date  
herewithExaminer  
unknownGroup Art Unit  
unknown

Title:

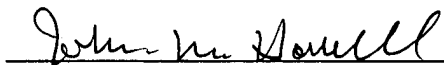
BACKSCATTER IMAGING USING HADAMARD TRANSFORM MASKING

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS

Transmitted herewith is:

Utility Patent Application Transmittal:

- ☒ Patent Application  
☒ Drawings: 2 Sheets ☒ Formal ☐ Informal;  
☒ Power of Attorney: ☒ Executed by inventor Shepherd only ☐ Not executed  
☒ Declaration: ☒ Executed by inventor Shepherd only ☐ Not executed  
☒ Assignment with Recordation Form  
☐ Information Disclosure Statement with References ( )  
☐ NonPublication Request under 35 U.S.C. 122(b)(2)(B)(i)  
☒ Postcard  
☒ Checks in the amounts of \$40.00 and \$1544.00 are attached

  
Signature

Dated: 12/1/03

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John M. Howell  
Typed or Printed Name of Person Mailing Correspondence